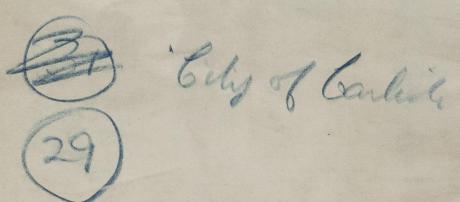
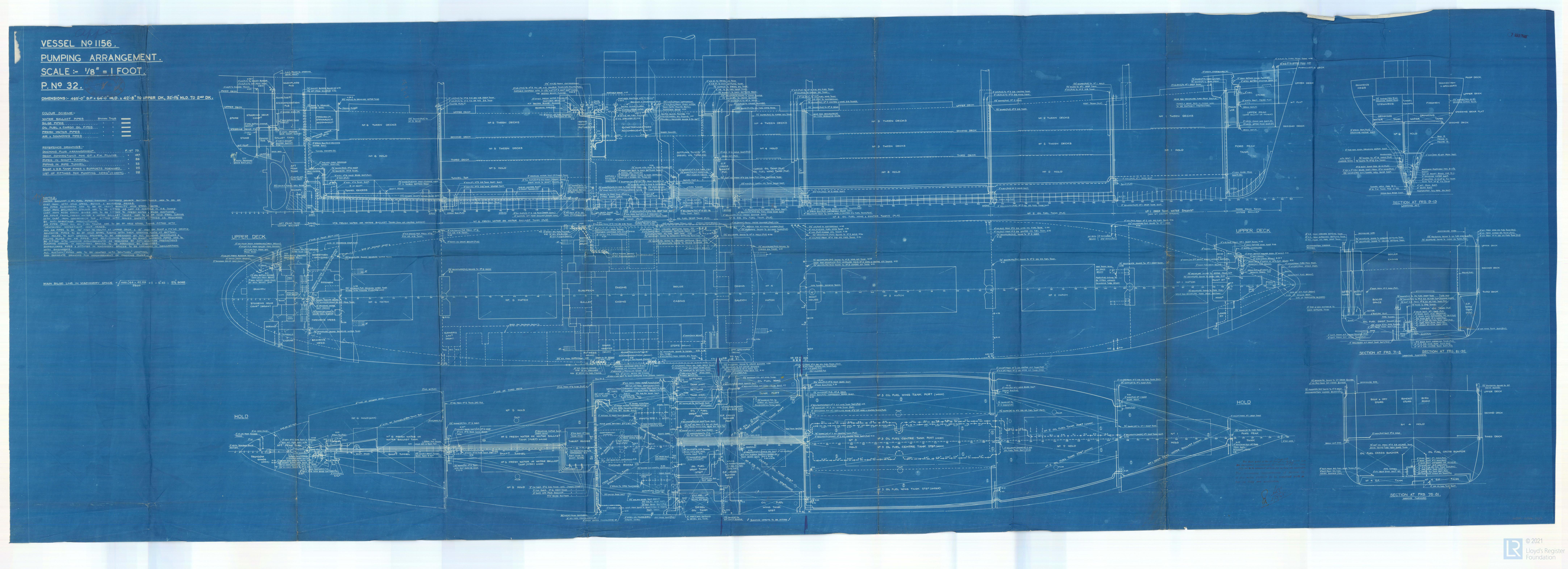


City of Carlisle \*

PUMPING ARRANGEMENT



O 2021
O11804 O2/19'S Registe



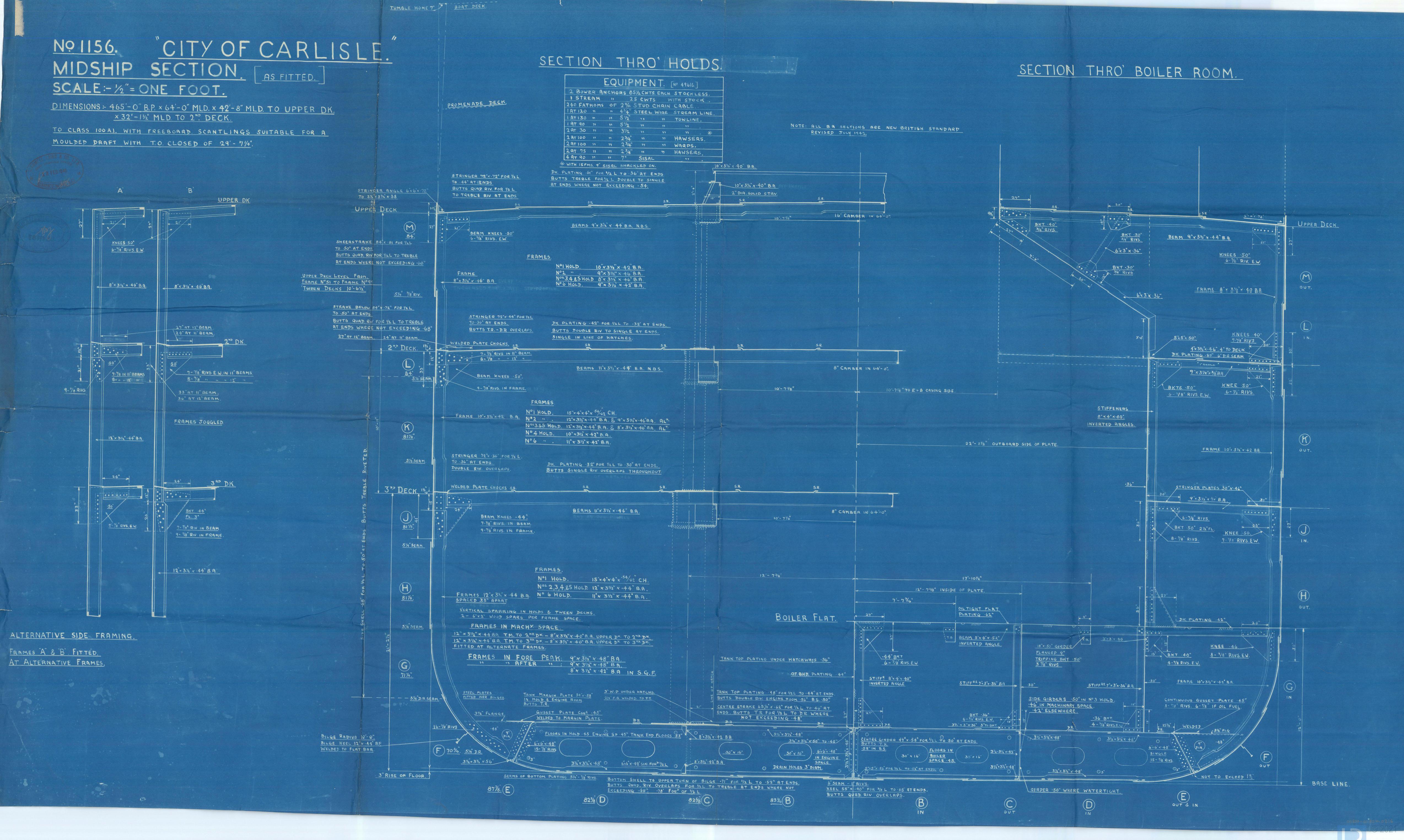
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MIDSHIP SECTION

(as built)



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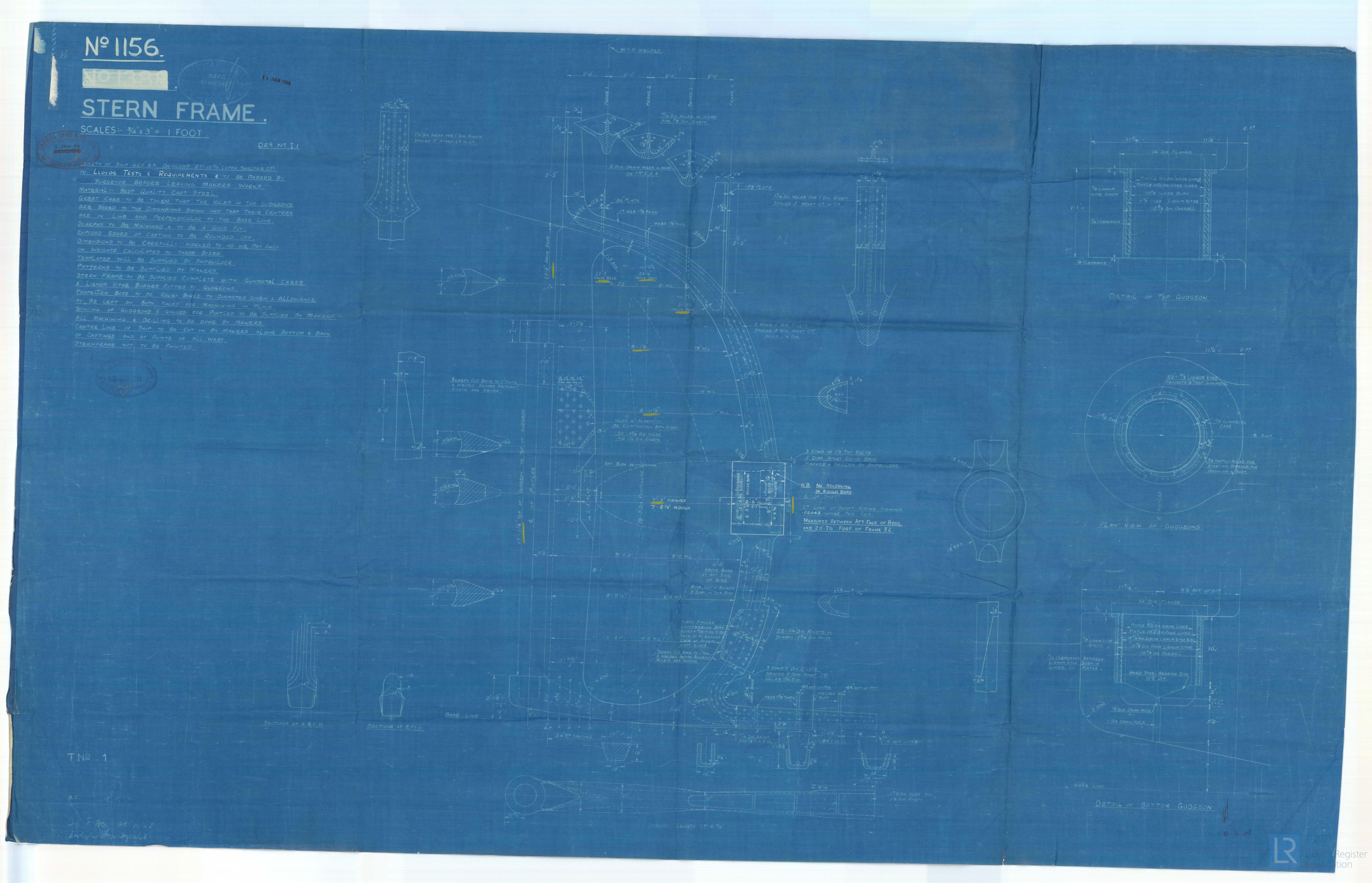
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Blind Carlese

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## SEE PLAN OF STERNFRAME RUDDER. I JAN-44 SCALE:- 1=1 FOOT. SECTION AT "C"C" RUDDER TO BE TO LLOYDS REQUIREMENTS INSPECTION & TESTS AND TO BE PASSED BY SURVEYOR BEFORE LEAVING WORKS RUDDER STOCK --- BEST QUALITY FORGED STEEL RUDDER ARMS --- BEST QUALITY CAST STEEL SURFACES OF ALL EXPOSED WELDS TO BE SMOOTHED OFF PORTABLE PLATE NOTES:LENGTH - 465-0 . LOAD DRAFT OPEN BASIS 27-104 . CLOSED BASIS 29-74 . PLAN AT TOP OF CASTING. TOTAL IMMERSED AREA OF RUDDER 171 SO FT. C.O. G. OF AREA ABAFT PINTLES = 4.25 A×D = 171 × 4.25 = 727 9 0 0 Y DIA OF STUCK RULE 13+10% AREA = 123/4 DIA OTHER SCANTLINES TO SUT INCREASED DIA OF STOCK. KEYWAYS ETC. TO BE CUT IN RUDDER STOCK TO PARTICULARS GIVEN LATER. RUDDERSTOCK TO BE ACCURATELY TURNED TO DIMENSIONS GIVEN ARE IN EXACT ALIGNMENT COUPLING FLANGES TO BE ACCURATELY MACHINED 3-3- 40 AHELE SO" WELDED DISC STOCK BORED & TAPPED 43/8" DEEP TO TAKE 21/2" DIAS LIFTING BOLT EYE BOLT TO BE SUPPLIED DIMENSIONS TO BE WORKED TO AS WE PAY ONLY ON WEIGHTS CALCULATED TO THESE SIZES. WRITTEN DIMENSIONS ONLY TO BE TAKEN. EXPOSED EDGES OF CASTING TO BE ROUNDED OFF APART OR TO CR. PATTERN SUPPLIED BY MAKERS, TO F. S. TRACINGS SUPPLIED WHICH ARE TO BE WORKED TO IN PREFERENCE TO PLAN. SHIP BUILDERS TO BE INFORMED OF ANY PROPOSED DEPATURE FROM THIS DRANING & SAME TOBE AGREED TO BEFORE PARTS AREMADE CONNY OF WEBS IN GAUGE FOR KEYWAY IN RUDDER CARRIER SUPPLIED BY CONTRACTOR GAUGE FOR KEYWAY IN TILLER SUPPLIED BY CONTRACTOR. POINT GAUGES SUPPLIED BY CONTRACTOR SURFACES TO WHICH PLATING IS ATTACHED ARE TO BE FLAT + FAIR, MACHINED OR DRESSED AS NECESSARY SPACING OF ARMS TO SUIT STERN FRAME AS CAST. 37-9"TO BEAM. PINTLES COMPLETE WITH BRASS LINERS, LICHUMVITAE BUSHES IN BRASS CAGES. SUPPLIED BY CONTRACTOR. RUDDER TO BE TESTED TO 15 LBS PER SEINCH. (34-6 HEAD). INSIDE OF RUDDER TO BE COATED WITH BITUMINOUS SOLUTION. NO RIVET HOLES TO BE BORED IN CASTINGS, UNTIL LINED OFF BY OUR REPRESENTATIVE. ALL MACHINING & DRILLING TO BE DONE BY CONTRACTOR MACHINING SHEWN IN RED STARE ONLY (SEE SECTION AT "H" H") DRESSED + FAIRED IN TYELLOW! MLD LINE AT A 2 ANGLE APPROX LINE PLAN AT BOTTOM CASTING. 1-10 LIFT WITH RUDDER ON MIDDLELINE WORKING ANGLE - 40° STOPPER - 42° SECTION THRO' VERT PLATE AT FOR END OF RUDDER